

Ahmad Chand

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ABOUT ME

Full Stack Engineer with 5+ experience in React.js, Next.js, Node.js and TypeScript. Skilled in building scalable web applications, I excel at understanding user requirements and creating robust solutions. Experienced in leading projects and collaborating with cross-functional teams for clear communication and timely delivery. Committed to agile methodologies and thorough testing to ensure maintainable and reliable code. Proficient in modern tools and practices to enhance development processes and outcomes.

DIGITAL SKILLS

Frontend

JavaScript / TypeScript / React.js / Next.js / Tailwind CSS / Webpack / Storybook / GitHub Flow / Test Automation

Backend

Node.js / Express.js / Nest.js / PostgreSQL / MongoDB / Microservices / REST API / AWS / Docker / CI/CD

WORK EXPERIENCE

Senior Software Engineer

ILI Digital AG [01/2023 – Current]

- Designed and developed flight planning systems for Volocopter GmbH using React, TypeScript, and Webpack.
- Implemented safety features like battery alerts, route suggestions, and real-time weather updates.
- Led end-to-end product development: requirements, partner coordination, testing, and metrics setup.
- Integrated CI/CD pipelines and performed code reviews, load, stress, and various testing methods.
- Worked with German companies, gaining experience in cross-cultural teamwork and project management.

Software Engineer

ILI Digital AG [04/2022 – 12/2022]

- Led development of online banking systems for Volksbank GmbH, serving over 1 million users.
- Optimized BASF Battery Recycling, cutting processing time by 21% with real-time consumer updates.
- Developed scalable APIs in Node.js with API Gateway, enhancing security using AWS Secret Manager.
- Implemented unit and integration testing, ensuring high code quality in a microservices architecture.

Associate Software Engineer

Crunch Craft [05/2019 – 03/2022]

- Built KIPS LMS, Publications, and Virtual platforms using Node.js, Nest.js, PostgreSQL, and React.js.
- Created an analytics dashboard with Chart.js for visual summaries, aiding strategic board decisions.
- Led development of cancel, return, and exchange systems, ensuring smooth user experiences.
- Implemented encryption and MFA, strengthening security for sensitive data and transactions.
- Reduced page load times by 30%, enhancing system responsiveness and user satisfaction.

PROJECTS

VololQ

VoloIQ, by Volocopter GmbH, presents sustainable urban air mobility solutions, including electric vertical takeoff and landing (eVTOL) air taxis for safe and efficient urban transportation.

Volksbank Digital Solution

Volksbank Digital Solutions, a subsidiary of Volksbanken Raiffeisenbanken, offers digital banking solutions including online platforms, payments, mobile apps, and financial tools.

BASF Battery Recycling

BASF Battery Recycling streamline the entire recycling process, ensuring consumers received real-time updates on recycling status and delivery, improving efficiency and transparency.

EDUCATION AND TRAINING

Bachelor's of Science in Computer Science

COMSATS University Islamabad

Level in EQF: EQF level 6

LANGUAGE SKILLS

Mother tongue(s): Urdu

Other language(s):

English

LISTENING B2 **READING** B2 **WRITING** B2

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user